

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Essex Chemical Corp.		EMERGENCY TELEPHONE NO. (213) 537-7600
ADDRESS (Number, Street, City, State, and ZIP Code) 19451 Susana Rd., Compton, CA 90221		
CHEMICAL NAME AND SYNONYMS N/A		TRADE NAME AND SYNONYMS Pro-Seal 501 Base.
CHEMICAL FAMILY Polysulfide base	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	1.3
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	0.1-2%
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Nil		
APPEARANCE AND ODOR: Amber paste-mercaptan odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	Over 230°F closed cup	FLAMMABLE LIMITS	N/A	Lel	Uel
EXTINGUISHING MEDIA	Dry chemical, carbon dioxide, foam, water spray				
SPECIAL FIRE FIGHTING PROCEDURES	None				
UNUSUAL FIRE AND EXPLOSION HAZARDS	None				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

LD₅₀ single dose oral rats 0.5 to 5g per kg

EFFECTS OF OVEREXPOSURE

May cause irritation of skin or mucous membranes

EMERGENCY AND FIRST AID PROCEDURES

Flush thoroughly with water, use soap on skin. If accidentally ingested, give emetic, consult physician.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Avoid strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

SO₂, CO₂, H₂O, upon combustion.

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Clean up spillage with rags and/or sweeping compound and solvents.

WASTE DISPOSAL METHOD

Preferably burn waste or react with catalyst and dispose as inert material.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

In confined areas. Cannister type

VENTILATION

LOCAL EXHAUST

Recommended

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Recommended

EYE PROTECTION

Recommended

OTHER PROTECTIVE EQUIPMENT

Coveralls or aprons.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not ingest.

Store in closed container below 80°F.

OTHER PRECAUTIONS

None